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Commissioner for Patents  
PO Box 1450  
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**Mail Stop Amendment**

Re: U.S. Non-Provisional Utility Patent Application under 37 C.F.R. § 1.53(b)  
Appl. No. 10/816,903 Filed: April 4, 2004  
For: **Methods and Systems for Fully Differential Frequency Doubling**  
Inventors: TAM *et al.*  
Our Ref: 1875.4220001

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. Amendment and Reply under 37 C.F.R. § 1.111; and
2. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

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PEG/mlb  
Enclosures  
425946\_1.DOC



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

TAM *et al.*

Appl. No.: 10/816,903

Filed: April 4, 2004

For: **Methods and Systems for Fully  
Differential Frequency  
Doubling**

Confirmation No.: 2630

Art Unit: 2816

Examiner: Cox, Cassandra F.

Atty. Docket: 1875.4220001

**Amendment and Reply under 37 C.F.R. § 1.111**

***Mail Stop Amendment***

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

In reply to the Office Action dated June 14, 2005, Applicants submit the following Amendment and Remarks.

It is not believed that extensions of time or fees for net addition of claims are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to our Deposit Account No. 19-0036.